AMENDMENTS TO THE CLAIMS

Claims 1-5 (Cancelled)

Claim 6 (Currently Amended) A cooling construction of a transition piece of a gas turbine, wherein:

two protrusions are mounted on said transition piece orthogonally to a main stream direction of said transition piece on a gas turbine inside diameter side thereof and adjacent to an outlet portion of said transition piece; and

a plate having a plurality of holes is installed between said two protrusions, said plate having one end thereof fixed to one of said protrusions and having another ~~an other~~ end thereof ~~which is left~~ unfixed to, but kept in contact with, the other of said protrusions, the other end of said plate making contact with the other of said protrusions between a tip end of said other of the protrusions and said transition piece.

Claim 7 (Currently Amended) A cooling construction of a transition piece of a gas turbine, wherein:

an impingement-cooling plate is fixed at one end thereof in a cantilever state adjacent to an outlet portion of said transition piece on a gas turbine inside diameter side of said transition piece; ~~said impingement cooling plate having an other end which is not fixed and forms a gap with said transition piece; and~~

~~a seal seals said gap between the other end of said impingement-cooling plate and said transition piece, said seal comprising an elastic plate.~~; and

an elastic plate that supports another, unfixed, end of said impingement-cooling plate, supporting the unfixed end by making contact therewith from said gas turbine inside diameter side;

wherein said elastic plate seals a gap between said transition piece and said impingement-cooling plate.

Claim 8 (Previously Presented) The cooling construction of claim 7, wherein:

said transition piece has a face confronting said impingement-cooling plate, said face having a plurality of cooling holes therein in a row extending across said face perpendicular to the direction of combustion gas flow through said transition piece; and

wherein a central portion only of said transition piece comprises a plurality of rows of said cooling holes.

Claim 9 (Previously Presented) The cooling construction of claim 7, wherein:

a plurality of said transition pieces are provided, said transition pieces having respective transition piece seals; and

end portions of said transition piece seals have protrusions mounted so as to overlap each other.

Claim 10 (Previously Presented) The cooling construction of claim of claim 8, wherein:

a plurality of said transition pieces are provided, said transition pieces having respective transition piece seals; and

end portions of said transition piece seals have protrusions mounted so as to overlap each other.

Claim 11 (Currently Amended) The ~~A~~ cooling construction of ~~a transition piece of a gas turbine~~ claim 7, wherein:

~~an impingement-cooling plate is fixed at one end thereof in a cantilever state to a protrusion mounted to said transition piece adjacent to an outlet portion of said transition piece on a gas turbine inside-diameter side of said transition piece, said impingement cooling plate having an other end which is not fixed and forms a gap with said transition piece; and~~

~~a seal sealing said gap between the other end of said impingement-cooling plate which is not fixed and said transition piece, said seal comprising an elastic plate.~~

two protrusions are mounted on said transition piece orthogonally to a main stream direction of said transition piece adjacent to an outlet portion of said transition piece on a gas turbine inside diameter side of said transition piece;

said impingement-cooling plate is provided between said protrusions;

said impingement-cooling plate is fixed, at one end thereof in a cantilever state, to one of said protrusions; and

said elastic plate has one end thereof connected to the other of said protrusions and has another end thereof kept in contact with said impingement-cooling plate to support said impingement-cooling plate.

Claim 12 (New) The cooling construction of claim 11, wherein, between said transition piece and said impingement-cooling plate, a pin is provided to secure a predetermined gap between said transition piece and said impingement-cooling plate.

Claim 13 (New) The cooling construction of claim 7, wherein the other of said protrusions is provided on a combustion gas upstream side of the one of said protrusions, and the other of said protrusions has a shape of a brim extending toward the gas turbine inside diameter side.

Claim 14 (New) The cooling construction of a transition piece of a gas turbine of claim 6, wherein the other end of said plate, making contact with the other of the protrusions, is elastically biased in a direction orthogonal to the main stream direction of said transition piece.

Claim 15 (New) The cooling construction of a transition piece of a gas turbine of claim 7, wherein the other end of said plate, making contact with the other of the protrusions, is held in a direction orthogonal to the main stream direction of said transition piece by an elastic force of said elastic plate.